

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner

Not assigned

Group Art Unit

Not assigned

**Applicants** 

Jason Hill et al.

Application No.

09/738,742

Filed

Dec. 15, 2000

For

NOVEL LIPOPEPTIDES AS ANTIBACTERIAL AGENTS

New York, New York March 28, 2001

Hon. Commissioner for Patents Washington, D.C. 20231

# TRANSMITTAL LETTER FOR INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure Statement in the aboveidentified application. This Statement is submitted:

- [ ] within three months of the application filing date;
- [X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97(b), submission of this Statement requires no fee. However, if for any reason a fee is due, the Commissioner is hereby authorized to charge payment of any fees required in connection with this Information Disclosure Statement to Deposit Account No. 06-1075. A duplicate copy of this letter is transmitted herewith.



Respectfully submitted,

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Attorney for Applicants

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## INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants make of record the following documents that are listed on the enclosed Form PTO-1449 (submitted in duplicate). Copies of the documents are enclosed herewith.

## **UNITED STATES PATENTS**

Re. 32,310

DeBono

issued Dec. 16, 1986

Re. 32,311

DeBono

issued Dec. 16, 1986

4,396,543	DeBono	issued Aug. 2, 1983
4,399,067	DeBono	issued Aug. 16, 1983
4,482,487	Abbott et al.	issued Nov. 13, 1984
4,524,135	Abbott et al.	issued Jun. 18, 1985
4,537,717	Abbott et al.	issued Aug. 27, 1985
5,573,936	Kreuzman et al.	issued Nov. 12, 1996
5,629,288	Lattrell et al.	issued May 13, 1997
5,912,226	Baker et al.	issued Jun. 15, 1999

## **FOREIGN PATENT DOCUMENTS**

EP 0 885 957 A1 published Dec. 23, 1998

WO 99/43700 published Sept. 2, 1999

## **OTHER DOCUMENTS**

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Chong, Pei Pei et al. "Physical Identification of a Chromosomal Locus Encoding Biosynthetic Genes for the Lipopeptide Calcium-Dependent Antibiotic (CDA) of Streptomyces coelicolor A3(2)," Microbiology 144: 193-199 (1998).

Debono, M. et al. "A21978C, A Complex of New Acidic Peptide Antibiotics: Isolation, Chemistry, and Mass Spectral Structure Elucidation," *Journal of Antibiotics* XL: 761-777 (1987).

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Debono, M. et al. "Synthesis of New Analogs of Echinocandin B by Enzymatic Deacylation and Chemical Reacylation of the Echinocandin B Peptide: Synthesis of the Antifungal Agent Cilofungin (LY121019)," *Journal of Antibiotics* XLII: 389-397 (1989).

Dong, Mei-Yan et al. "Treatment of Clostridium difficile Colitis in Hamsters with a Lipopeptide Antibiotic, LY146032," Antimicrobial Agents and Chemotherapy 31: 1135-1136 (1987).

Eid, Pascale et al. "Effect of Daptomycin on the Barotropic Behavior of Dioleoylphosphatidylglycerol: An Infrared Spectroscopic Investigation," *Chemistry and Physics of Lipids* 83: 131-140 (1996).

Eliopoulos, George M. et al. "In Vitro Activity and Mechanism of Action of A21978C<sub>1</sub>, a Novel Cyclic Lipopeptide Antibiotic," *Antimicrobial Agents and Chemotherapy* 27: 357-362 (1985).

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Kirsch, Lee E. et al. "Kinetics of the Aspartyl Transpeptidation of Daptomycin, a Novel Lipopeptide Antibiotic," *Pharmaceutical Research* 6: 387-393 (1989).

Lakey, Jeremy H. et al. "The Role of Acyl Chain Character and Other Determinants on the Bilayer Activity of A21978C An Acidic Lipopeptide Antibiotic," *Biochimica et Biophysica Acta* 859: 219-226 (1986).

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Zambias, Robert A. et al. "Preparation and Structure-Activity Relationships of Simplified Analogues of the Antifungal Agent Cilofungin: A Total Synthesis Approach," *Journal of Medicinal Chemistry* 35: 2843-2855 (1992).

Zmijewski, M.J. et al. "Role of Branched Chain Fatty Acid Precursors in Regulating Factor Profile in the Biosynthesis of A21978 C Complex," *Journal of Antibiotics* XXXIX: 1483-1485 (1986).

Applicants request that the cited documents be (1) fully considered by the Examiner during the course of examination of this application and (2) printed on any patent issuing from this application. Applicants also request that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

Respectfully submitted,

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